Bruhat Bangalore Mahanagara Palike
Excecutive Engineer Yelahanka Division

Name of work:- Improvements to Asphalting to Roads and Drains at Best County, Amba Bhavani Nagara, Amba Bhavani Layout, Prakruthi Layout and Surrounding Areas ward No-03 of Yelahanka division (Package No- 06)

Modified Schedule - B

Sl No	Description of Item	Unit	Quantity	Rate, Rs	
				In Figures	In Words
1	KSRRB 300-3. Earthwork excavation by manual means in ordinary soil Invoiving in average horizontal throw up to 2m & an average lift upto 1.5m , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3.	Cum	4770.73	230.49	Rupees Two Hundred Thirty And Paise Forty Nine Only
2	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size & with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per	Cum	1.61	2698.33	Rupees Two Thousand Six Hundred Ninety Eight And Paise Thirty Three Only
3	Providing Nominal 40mm size stone aggrigates (Page no II, Sl NO.25)Code NO.0750	Cum	1.61	1143.82	Rupees One Thousand One Hundred Forty Three And Paise Eighty Two Only
4	Providing Nominal 20mm size stone aggrigates (Page no II, Sl NO.28) Code NO.0749	Cum	1.61	1143.82	Rupees One Thousand One Hundred Forty Three And Paise Eighty Two Only
5	KSRB 7.9 : Providing And fixing ms grill work for windows and ventilators using ms flats or ms square rods or combination of ms flats and square rods as per approved design drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer cost of materials fixtures, labours, and complete as per specifications page no.34 item no.7.9	Kgs	143.64	105.53	Rupees One Hundred Five And Paise Fifty Three Only
6	KSRRB M2900-1. Plain cement concrete 1:3:6 mix with crushed stone aggregate 40 m nominal size mechanically mixed, placed in foundation and compacted by vibration including curing complete as per specifications MORTH Specification No. 408	Cum	703.28	4694.58	Rupees Four Thousand Six Hundred Ninety Four And Paise Fifty Eight Only
7	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specifications.Wall & bottom thickness 15cm	Cum	1304.98	7409.57	Rupees Seven Thousand Four Hundred Nine And Paise Fifty Seven Only
8	KSRRB M2200-6. Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification. MORTH Specification No.1600 & 2200	Tn	79.54	76441.87	Rupees Seventy Six Thousand Four Hundred Forty One And Paise Eighty Seven Only
9	Providing & laying precast drain cover slab of 100 mm thickness in CM 1:3 including cost of all materials, labour, curing, transportation, loading, unloading etc, complete as per the directions of the Engineer In Charge.(0.9 x 0.60 x 0.1)Data rate	Sqm	3851.10	2449.18	Rupees Two Thousand Four Hundred Forty Nine And Paise Eighteen Only
10	Providing & laying precast drain cover slab of 250 mm thickness in CM 1:3 including cost of all materials, labour, curing, transportation, loading, unloading etc, complete as per the directions of the Engineer In Charge.(1.2 x 0.60 x 0.25)Data rate	Sqm	72.24	5678.06	Rupees Five Thousand Six Hundred Seventy Eight And Paise Six Only
11	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete ,complete. As per the direction of Engineer incharge.	Nos	8758.00	453.24	Rupees Four Hundred Fifty Three And Paise Twenty Four Only

	RB 800-1. Painting two coats after filling the surface with thetic enamel paint in approved shades on new plastered crete surfaces, with materials, labour complete as per ecifications. MORTH Chapter 8	Sqm	1191.30	88.87	Rupees Eighty Eight And Paise Eighty Seven Only
	KSRRB M300-14. Excavation for roadwork in all types of soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location to a lead of 1.00 km and complete as per specifications. MORTH Specification No.301	Cum	6317.80	68.30	Rupees Sixty Eight And Paise Thirty Only
14	KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. MORTH / Chapter 3	Sqm	12635.60	6.67	Rupees Six And Paise Sixty Seven Only
15	Construction of granular sub-base Grading-V as sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/trap/basalt material, mixing in a mechanical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98% proctor density, complete as per specifications.Clause 401 of MORTH V Revision.	Cum	1895.34	2090.68	Rupees Two Thousand Ninety And Paise Sixty Eight Only
16	KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406	Cum	2906.19	2097.34	Rupees Two Thousand Ninety Seven And Paise Thirty Four Only
17	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8	Sqm	12636.69	31.10	Rupees Thirty One And Paise Ten Only
18	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 505 of MORTH V revision	Cum	631.83	6715.27	Rupees Six Thousand Seven Hundred Fifteen And Paise Twenty Seven Only
19	KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bage and / or compressed air to receive bituminous treatment including cost of all material, labour, HOM of machineries compete as per specification. morth specification clausePage	Sqm	12636.69	5.55	Rupees Five And Paise Fifty Five Only
20	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications. Clause 503 of MORTH V revision	Sqm	12636.69	13.33	Rupees Thirteen And Paise Thirty Three Only
21	KSRRB M500-19. Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revisionPage No. 158/	Cum	379.10	7708.40	Rupees Seven Thousand Seven Hundred Eight And Paise Forty Only

	RRB M800-13.Road Marking with Hot Applied Thermoplastic compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803	Sqm	426.24	476.57	Rupees Four Hundred Seventy Six And Paise Fifty Seven Only

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